

CURTISS - single piece propellers --

The propellers are of fixed-pitch, single-piece, two-blade, aluminum alloy construction. The propeller weight includes the weight of the inserted sleeve hub (if any).

Model (See NOTE 2)	Cert. Basis	Maximum Continuous		Diameter	Standard Pitch	Engine Shaft (See NOTE 1)	(lb.)	NOTES
		HP	RPM					
X-31900	ATC 136	225	2000	9'0"	96"-48"	SAE 20 (a)	--	3
32909	2-70	102	1400	8'6"	96"-48"	SAE 1 (a)	49	3
32923	ATC 117	180	1800	8'6"	96"-48"	SAE 2T (a)	67	3
32934	ATC 116	160	1750	9'0"	96"-48"	--	70	3
33073	ATC 113	225	2000	8'9"-8'0"	96"-48"	SAE 2 (a)	84	3
33079	ATC 114	525	1775	9'3"	96"-48"	--	80	3
33505	ATC 112	525	1600	10'0"	96"-48"	--	97	3
33525	ATC 115	220	2000	9'0"	96"-48"	--	87	3
33570	ATC 132	250	2000	8'10"-7'6"	96"-48"	--	74	3
55500	ATC 175	100	2100	7'0"	96"-48"	--	--	3
55501	TC 539	300	2200	8'6"-7'0"	96"-48"	b,c,d,e,f,g	56	3,4
55503	TC 186	420	2200	8'10"-7'0"	96"-48"	c,e,f,g	62	3
55511	ATC 649	160	2350	8'0"-6'6"	96"-48"	b,d	47	3
55518	TC 717	200	2450	8'0"-6'6"	96"-48"	b,e,f	56	3

NOTE 1. The alphabetical letters listed do not appear upon the propeller but refer only to the following table and indicate the engine shaft sizes for which the propeller (with proper adapters) is eligible.

- (a) Wood sections are used on the hub faces to allow the propeller to be fitted with a standard type wood propeller hub.
- (b) An inserted sleeve to fit on SAE No. 1 taper shaft.
- (c) An inserted sleeve to fit on SAE No. 2 taper shaft.
- (d) An inserted sleeve to fit on SAE No. 10 splined shaft.
- (e) An inserted sleeve to fit on SAE No. 20 splined shaft.
- (f) The propeller hub machined to fit on SAE No. 20 splined shaft.
- (g) The propeller hub machined to fit on SAE No. 30 splined shaft.

NOTE 2. Model Designation. Eligible with the prefix X or EX. Eligible with the pitch indicated in inches following the model designation. Example, 55501-60 indicates a pitch of 60". Eligible on later production with the engine shaft size indicated by a dash and a number. Propellers also are now stamped with the diameter and pitch in the following manner: 55501 PX'X'' DX'X" (pitch and diameter in ft., inches).

NOTE 3. Approval expired. No propeller manufactured after the date specified is eligible for use on certificated aircraft.

Approval No.	Date Expired
2-70, 112, 114, 116, 136	April 4, 1936
113, 115, 117, 177	July 1, 1935
132, 175	January 10, 1941
186, 539, 649, 717	February 16, 1956

NOTE 4. Propellers bearing the following serial numbers are eligible, with an aluminum alloy insert machined to fit an SAE No. 20 spline crankshaft: M-4007, M-4010, M-4011, M-4012, M-4014, M-4018, M-4026, M-4027, M-4028.